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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/738,316	12/17/2003	Seong-Ho Kim	5649-1172	7927	
75	06/20/2005		EXAM	EXAMINER	
Robert M. Meeks			NGUYEN	NGUYEN, TUAN H	
Myers Bigel Sib			ART UNIT	PAPER NUMBER	
Post Office Box Raleigh, NC 2			2813	TALERIONEER	
runoign, rvo z	, 62,		DATE MAILED: 06/20/200	5	

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)	——————————————————————————————————————				
	10/738,316	KIM ET AL.					
Office Action Summary	Examiner	Art Unit					
	Tuan H. Nguyen	2813					
The MAILING DATE of this communication app Period for Reply	pears on the cover shee	t with the correspondence address	ss				
A SHORTENED STATUTORY PERIOD FOR REPL' THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.1 after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a repl - If NO period for reply is specified above, the maximum statutory period of - Failure to reply within the set or extended period for reply will, by statute Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	36(a). In no event, however, many within the statutory minimum of will expire SIX (6) as cause the application to become	ay a reply be timely filed If thirty (30) days will be considered timely. MONTHS from the mailing date of this commune ABANDONED (35 U.S.C. § 133).	unication.				
Status							
1)⊠ Responsive to communication(s) filed on 22 D	ecember 2004.	•					
	action is non-final.						
·— ··							
Disposition of Claims							
 4) Claim(s) 1-39 is/are pending in the application 4a) Of the above claim(s) is/are withdray 5) Claim(s) is/are allowed. 6) Claim(s) is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) 1-39 are subject to restriction and/or 	wn from consideration						
Application Papers							
9) The specification is objected to by the Examine 10) The drawing(s) filed on is/are: a) acc Applicant may not request that any objection to the	epted or b) objected	-					
Replacement drawing sheet(s) including the correct 11) The oath or declaration is objected to by the Ex	•	=: '					
Priority under 35 U.S.C. § 119							
12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority document 2. Certified copies of the priority document 3. Copies of the certified copies of the priority application from the International Burear * See the attached detailed Office action for a list	ts have been received. ts have been received wity documents have b u (PCT Rule 17.2(a)).	in Application No een received in this National Sta	ge				
Attachment(s)							
1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date	Paper	ew Summary (PTO-413) No(s)/Mail Date of Informal Patent Application (PTO-15,	2)				

Election/Restrictions

Restriction to one of the following inventions is required under 35 U.S.C. 121:

- I. Claims 1-17, 28-39 drawn to a semiconductor device, classified in class257, subclass 288+.
- II. Claims 18-27 drawn to Method of manufacturing a semiconductor device, classified in class 438, subclass 197.

The inventions are distinct, each from the other because of the following reasons:

Inventions II and I are related as process of making and product made. The inventions are distinct if either or both of the following can be shown: (1) that the process as claimed can be used to make other and materially different product or (2) that the product as claimed can be made by another and materially different process (MPEP § 806.05(f)). In the instant case unpatentability of the Group I invention does not necessarily imply unpatentability of the Group II invention, since the device of the Group I invention could be made by processes materially different than that of the Group II invention, for example the opening through sacrificial layer and the insulation layer could be formed after forming the recess in the active region first with a separated mask.

Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification, restriction for examination purposes as indicated is proper.

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Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tuan H. Nguyen whose telephone number is 703-308-2550. The examiner can normally be reached on 9AM-5:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Carl Whitehead Jr. can be reached on 703-308-4940. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Tuan H. Nguyen Primary Examiner Art Unit 2813